

C1
include

most of which are set to the default values. The adjustable parameters are set with the following values: overlap span = 1, overlap fraction = 0.125, word threshold (T) = 11. The HSP S and HSP S2 parameters are dynamic values and are established by the program itself depending upon the composition of the particular sequence and composition of the particular database against which the sequence of interest is being searched; however, the values may be adjusted to increase sensitivity. A % amino acid sequence identity value is determined by the number of matching identical residues divided by the total number of residues of the "longer" sequence in the aligned region. The "longer" sequence is the one having the most actual residues in the aligned region (gaps introduced by WU-Blast-2 to maximize the alignment score are ignored).

Replace the paragraph beginning at page 20, line 28, with the following rewritten paragraph:

C2

In general, doses of immunoprotective amounts can be packaged in liquid or solid (e.g., lyophilized) form in appropriate containers such as vials, etc. If liquid, the composition is preferably in a pharmaceutically acceptable medium (carrier). If solid, it should be prepared so that when reformulated as a liquid (e.g., with water or a pharmaceutical carrier) a pharmaceutically acceptable composition is formed.

Replace the paragraph beginning at page 45, line 7, with the following rewritten paragraph:

C3
MS
EI

Nucleic acids encoding huHsp47 and fragments were cloned into eukaryotic expression vectors. A nucleic acid encoding a fragment of huHsp47, in which the carboxy-terminal RDEL amino acid sequence is deleted, was PCR amplified from the pUC//huHsp47 plasmid using the following primers: 5' primer CGGAATTCTGGCCGAGGTGAAGAAACC, 3' primer AGTTCCCACTGTTCTACGACCTACGACCTAGGGC. The amplified product was ligated to the melittin secretion signal and Kozak sequences derived from pMel-Bac (Invitrogen, San Diego, CA) and the resulting fragment was cloned into the multiple cloning site of pEGFP-N1 (Clontech, Palo Alto, CA) using general techniques well known to those of skill in the art. The resulting plasmid, eGFP-Hsp47, was transfected into EC.